

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : NIKON CORP

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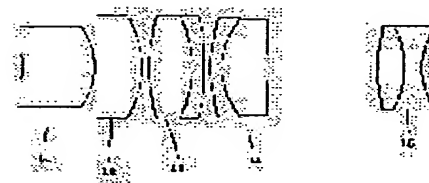
(72)Inventor : MIZUSAWA MASAYUKI

(54) OBJECTIVE LENS FOR MICROSCOPE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a semiapochromat class objective lens for a microscope which has about 20 magnifications, whose image surface is flat from its center to its periphery, where aberration is excellently corrected and which can be used for vertical fluorescent observation.

SOLUTION: This lens is provided with a negative meniscus lens component L1 whose concave surface is faced to an object side, a positive meniscus lens component L2 whose concave surface is faced to the object side, a bonded positive lens component L3, a bonded positive lens component L4, and a negative meniscus bonded lens component L5 whose concave surface is faced to an image side in order from the object side; and satisfies conditions such as $-11 < f_1/f < -3$, and $-12 < f_5/f < -7$.



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